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मानक

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IS 8886-13 (1980): ships ordinary rectangular windows, Part 13: Details of frame, non-opening heavy type, Welded Windows [TED 17: Shipbuilding]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard



SPECIFICATION FOR  
SHIPS' ORDINARY RECTANGULAR WINDOWS  
PART XIII DETAILS OF FRAME, NON-OPENING,  
HEAVY TYPE WELDED WINDOWS

1. **Scope** — Specifies the dimensions of frame for non-opening, heavy type welded windows.
2. **Terminology** — For the purpose of this standard, the terms and definitions given in IS : 8886 (Part I)-1978 'Specification for ships' ordinary rectangular windows: Part I Types and dimensions' shall apply.
3. **Material** — The material used for the construction of frame shall be according to IS : 8886 (Part II)-1978 'Specification for ships' ordinary rectangular windows: Part II General requirements'.
4. **Dimensions** — The dimensions of frame shall be as given in Table 1. For main dimensions of windows, see IS : 8886 (Part I)-1978.
5. **Tolerances** — The tolerances on dimensions shall conform to coarse series of IS : 2102-1969 'Allowable deviations for dimensions without specified tolerances (*first revision*)' except on those dimensions indicated in Table 1.

Shipbuilding Sectional Committee, MCPD 1; Closing Appliances Subcommittee, MCPD 1: 5 [Ref: Doc: MCPD 1 (398)]

Adopted 29 February 1980

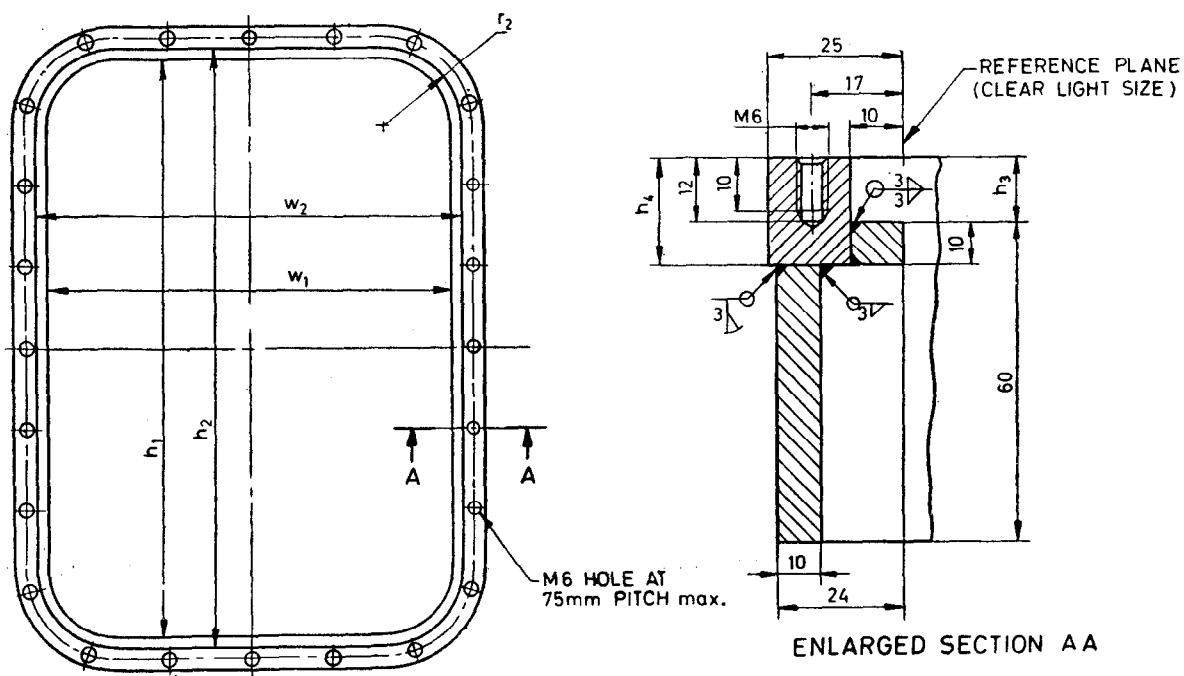
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TABLE 1 DIMENSIONS OF FRAME, NON-OPENING HEAVY TYPE WELDED WINDOWS

( *Clauses 4.1 and 5* )

All dimensions in millimetres.



Window No.	Nominal Size $w_1 \times h_1$	$w_2 \times h_2$	$r_2$	$h_3$	$h_4$
1	300 × 425	321 × 446	60.5	13	23
2	355 × 500	376 × 521	60.5	13	23
3	400 × 560	421 × 581	60.5	15	25
4	450 × 630	471 × 651	110.5	15	25
5	500 × 710	521 × 731	110.5	18	28
6	560 × 800	581 × 821	110.5	18	28
7	900 × 630	921 × 651	110.5	22	32
8	1 000 × 710	1 021 × 731	110.5	22	32

**EXPLANATORY NOTE**

This standard is one of a series of Indian Standards on ship's rectangular windows. Other standards in the series are:

- Part I Types and dimensions**
- Part II General requirements**
- Part III Positioning**
- Part IV Details of position of lugs for hinges and swing bolts and securing holes on the frame**
- Part V Details of frame, inward opening, side hinged, heavy type bolted windows**
- Part VI Details of frame, inward opening, side hinged, light type bolted windows**
- Part VII Details of frame, inward opening, side hinged, heavy and light type welded windows**
- Part VIII Details of frame, inward opening, top hinged, heavy type bolted windows**
- Part IX Details of frame, inward opening, top hinged, light type bolted windows**
- Part X Details of frame, inward opening, top hinged, heavy and light type welded windows**
- Part XI Details of frame, non-opening, heavy type bolted windows**
- Part XII Details of frame, non-opening, light type bolted windows**
- Part XIII Details of frame, non-opening, heavy type welded windows**
- Part XIV Details of frame, non-opening, light type welded windows**
- Part XV Details of frame, outward opening, side hinged, heavy type bolted windows**
- Part XVI Details of frame, outward opening, side hinged, light type bolted windows**
- Part XVII Details of frame, outward opening, side hinged, heavy and light type welded windows**
- Part XVIII Details of glass holder, inward opening, side hinged, heavy and light type bolted and welded windows**
- Part XIX Details of glass holder, outward opening, side hinged, heavy and light type bolted and welded windows**
- Part XX Details of glass holder, top hinged, heavy and light type bolted and welded windows**
- Part XXI Details of hinge pin**
- Part XXII Details of swing bolts and wing nuts**

In the preparation of this standard assistance has been derived from the following:

ISO 3903-1977 Shipbuilding — Ships' ordinary rectangular windows. International Organization for Standardization ( ISO ).

DIN 81650-1967 Rectangular windows for ships, directives for construction. Deutsches Institut für Normung.